

BookletChart™

Franklin D. Roosevelt Lake – Northern Part

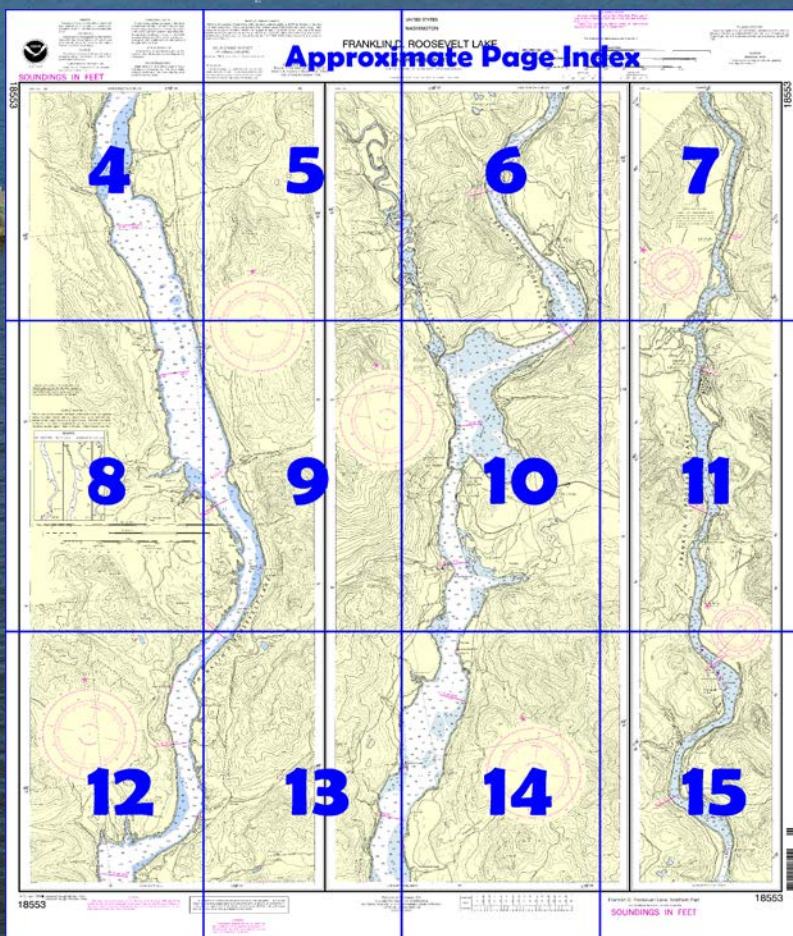
NOAA Chart 18553

A reduced-scale NOAA nautical chart for small boaters

When possible, use the full-size NOAA chart for navigation.



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



***Published by the
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Coast Survey
www.NauticalCharts.NOAA.gov
888-990-NOAA***

What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at <http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=18553>.



(Selected Excerpts from Coast Pilot)

Franklin D. Roosevelt Lake, WA, is a National Recreation Area on the upper Columbia River impounded by the **Grand Coulee Dam** (47°57.5'N., 118°59.0'W.). Information about facilities and services is available at the recreation area headquarters in the town of Coulee Dam, the visitors' center at Fort Spokane, and the ranger station at Kettle Falls.

A **restricted area** has been established in the discharge channel of the Grand

Coulee Dam, and extending about 2.5 miles downstream from the dam. (See **162.230**, chapter 2, for limits and regulations.)

**U.S. Coast Guard Rescue Coordination Center
24 hour Regional Contact for Emergencies**

RCC Seattle

Commander
13th CG District (206) 220-7001
Seattle, WA

Navigation Managers Area of Responsibility



NOAA's navigation managers serve as ambassadors to the maritime community.

They help identify navigational challenges facing professional and recreational mariners, and provide NOAA resources and information for safe navigation. For additional information, please visit nauticalcharts.noaa.gov/service/navmanagers

To make suggestions or ask questions online, go to nauticalcharts.noaa.gov/inquiry.

To report a chart discrepancy, please use ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx.

Lateral System As Seen Entering From Seaward

on navigable waters except Western Rivers



For more information on aids to navigation, including those on Western Rivers, please consult the latest USCG Light List for your area.

These volumes are available online at <http://www.navcen.uscg.gov>



HEIGHTS

Contour elevations in feet refer to mean sea level. Vertical clearances refer to maximum pool elevation which is 1290 feet above mean sea level.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 7 for important supplemental information.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.357' southward and 3.955' westward to agree with this chart.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

SOUNDINGS IN FEET AT NORMAL LAKE LEVEL

which is 1288.6 feet above mean sea level

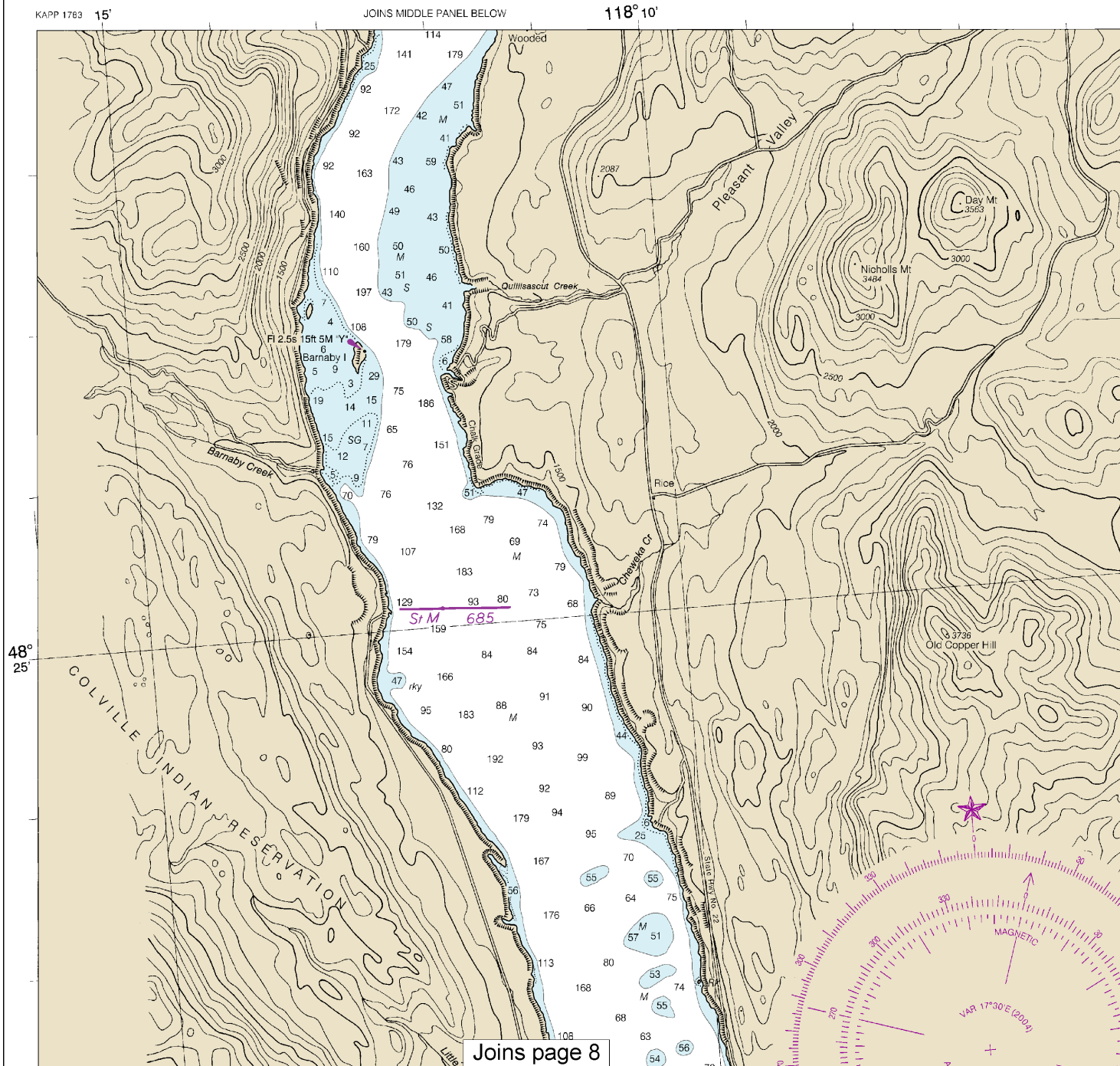
LAKE LEVEL

The lake is subject to drawdowns which vary considerably from year to year. The maximum contemplated drawdown during seasons of extremely low natural flow conditions is 82 feet below normal lake level.

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Scale 1:
North Am
(World

SOUNDINGS IN FEET

18553



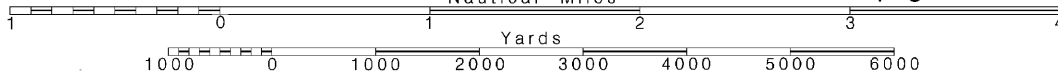
4

Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:50,000
Nautical Miles

See Note on page 5.



UNITED STATES

WASHINGTON

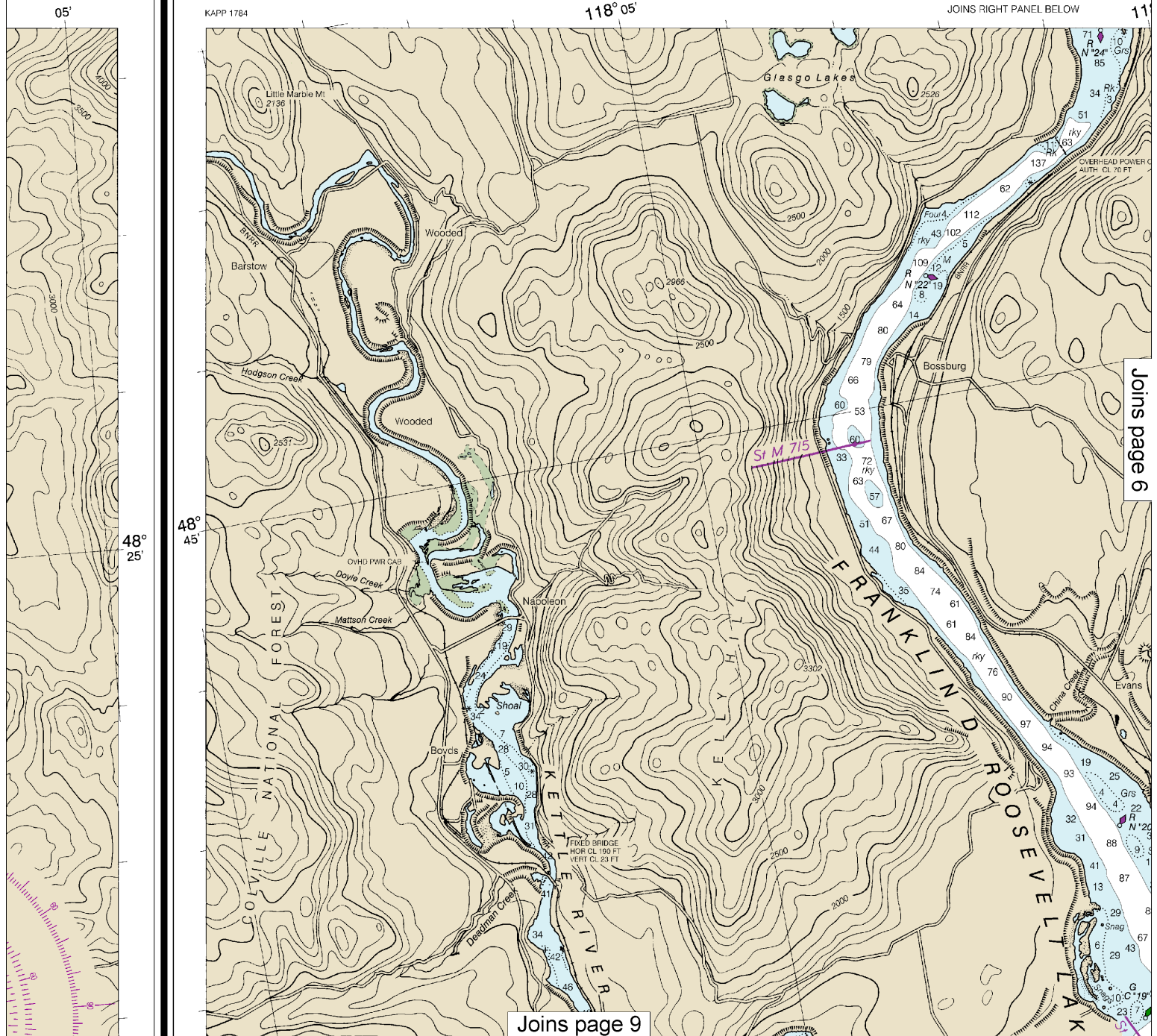
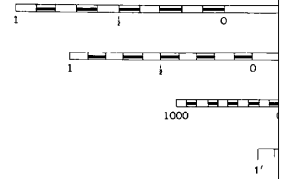
FRANKLIN D. ROOSEVELT LAKE

NORTHERN PART

Mercator Projection
 :50,000 at Lat. 48°34'
 merican Datum of 1983
 ld Geodetic System 1984)

Additional information can be obtained at nauticalcharts.noaa.gov.

Formerly C&GS 6169, 1st Ed., Apr. 1953 D- 1953-827 KAPP 1784



This BookletChart was reduced to 75% of the original chart scale.
The new scale is 1:66666. Barscales have also been reduced and
are accurate when used to measure distances in this BookletChart.

UNITED STATES

WASHINGTON

FRANKLIN D. ROOSEVELT LAKE

NORTHERN PART

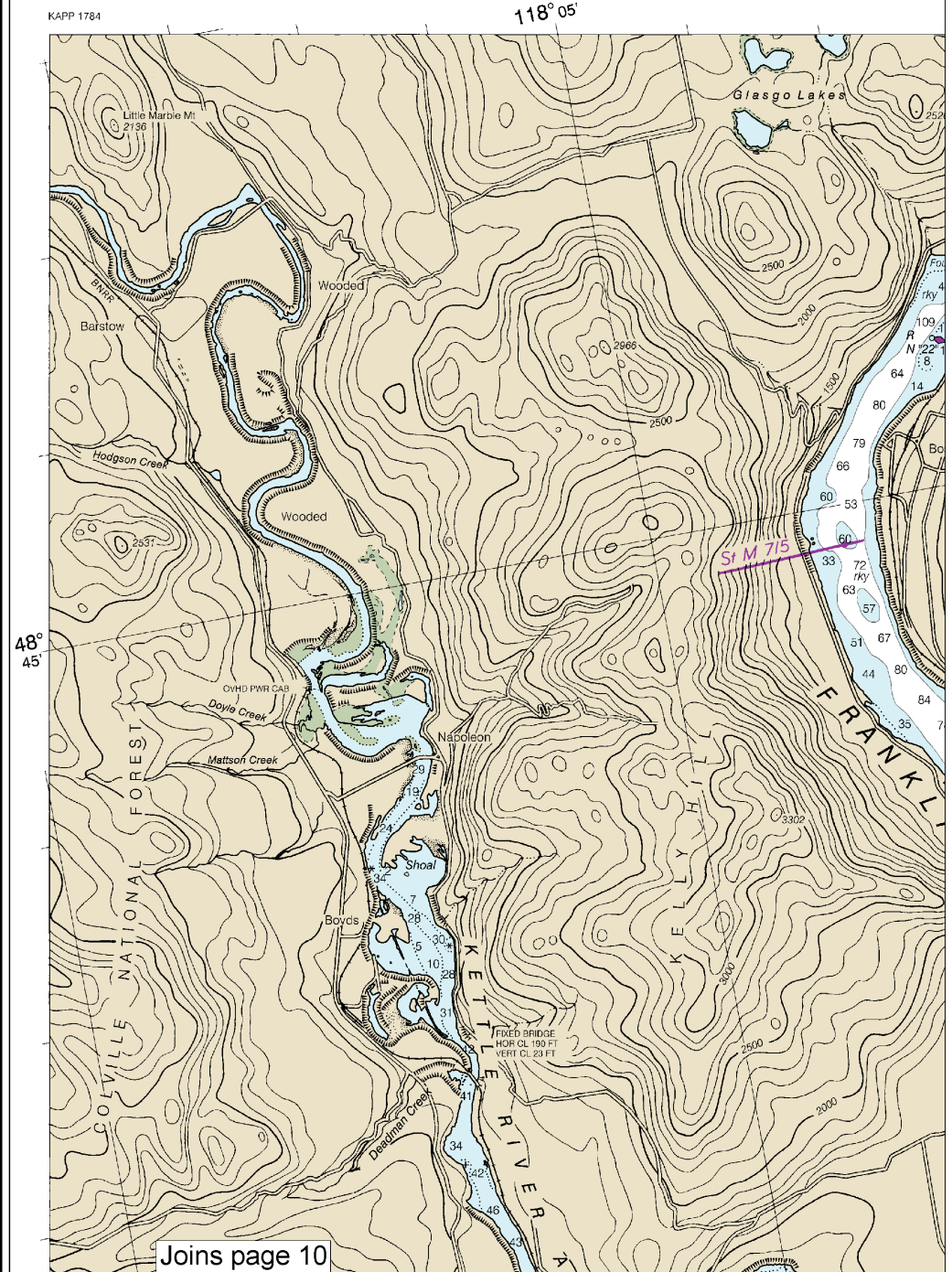
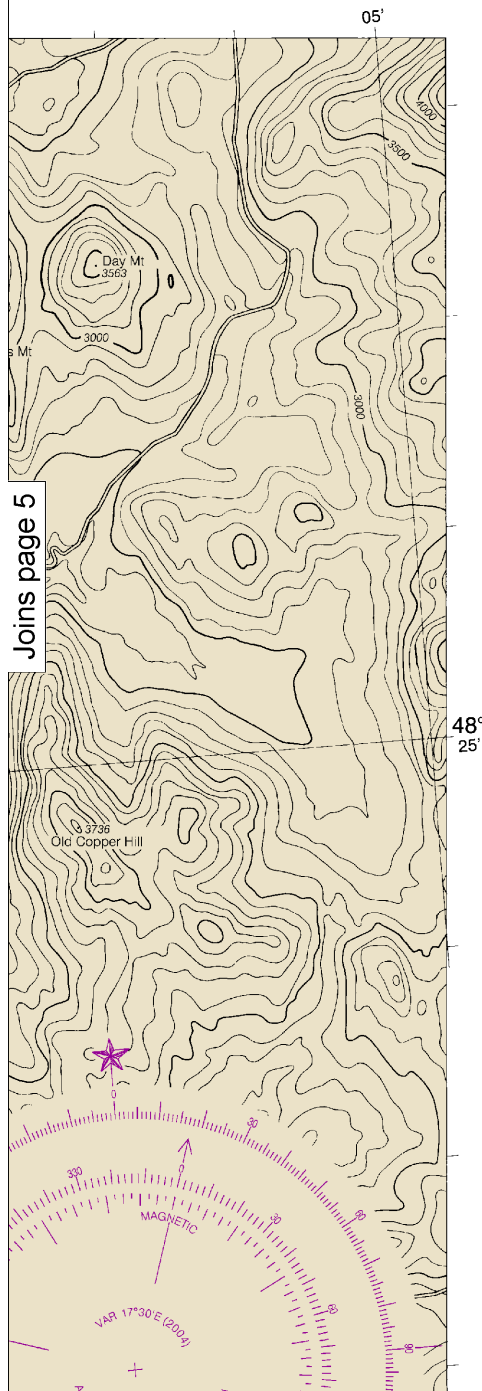
HEIGHTS IN FEET
ABOVE MEAN SEA LEVEL

HEIGHTS IN FEET
ABOVE MEAN SEA LEVEL

Mercator Projection
Scale 1:50,000 at Lat. 48°34'
North American Datum of 1983
(World Geodetic System 1984)

Additional information can be obtained at nauticalcharts.noaa.gov.

Formerly C&GS 6169, 1st Ed., Apr. 1953 D-1953-827 KAPP 1784



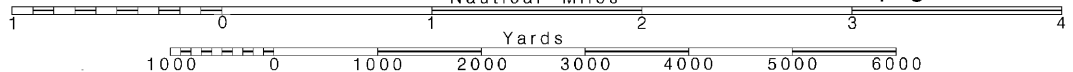
6

Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:50,000
Nautical Miles

See Note on page 5.



COLUMBIA RIVER

Mileage distances along the Columbia River are in Statute Miles eastward from the mouth and are indicated thus: ————

Tables for converting statute miles to International Nautical miles are given in Coast Pilot 7.

For Symbols and Abbreviations see Chart No. 1

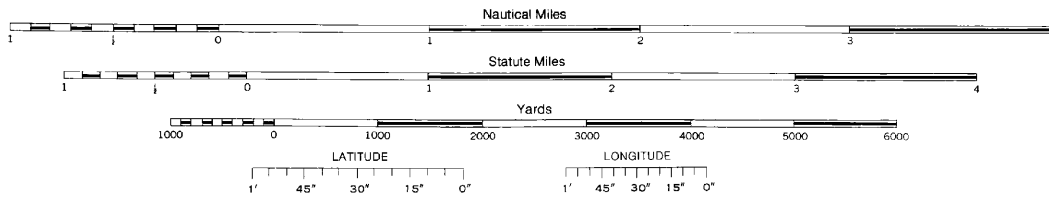
POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

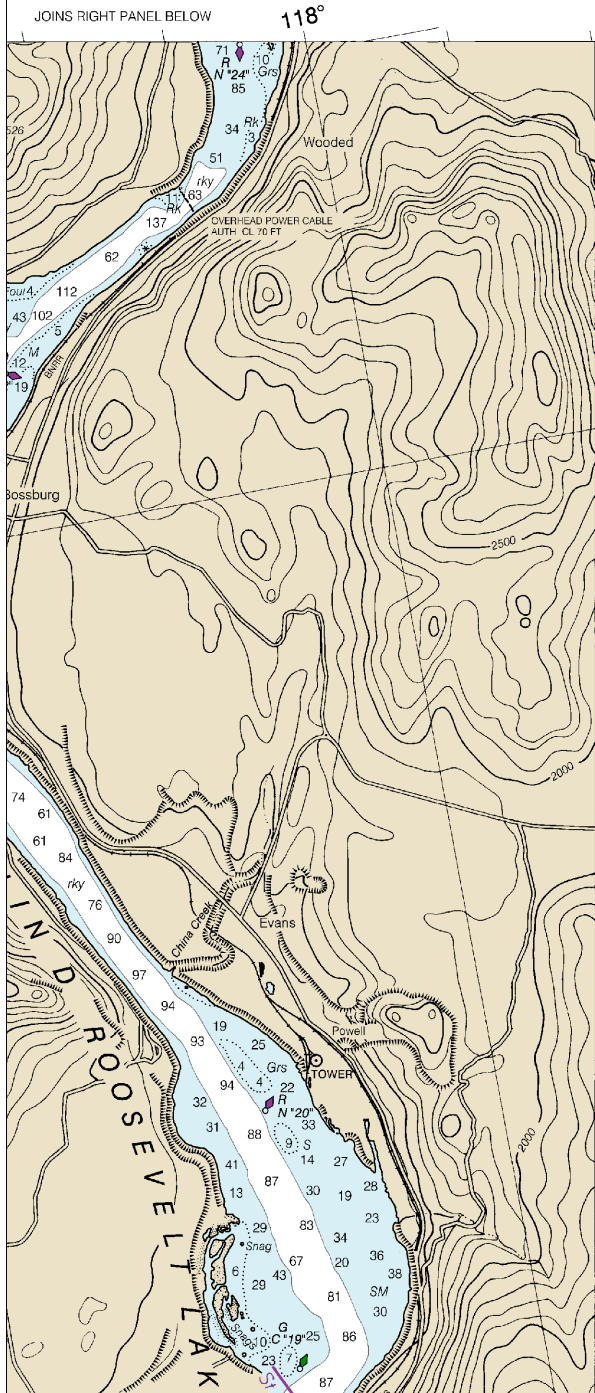
CAUTION

SEASONAL AIDS

Coast Guard maintained aids are seasonal from May 15 to Nov. 1.

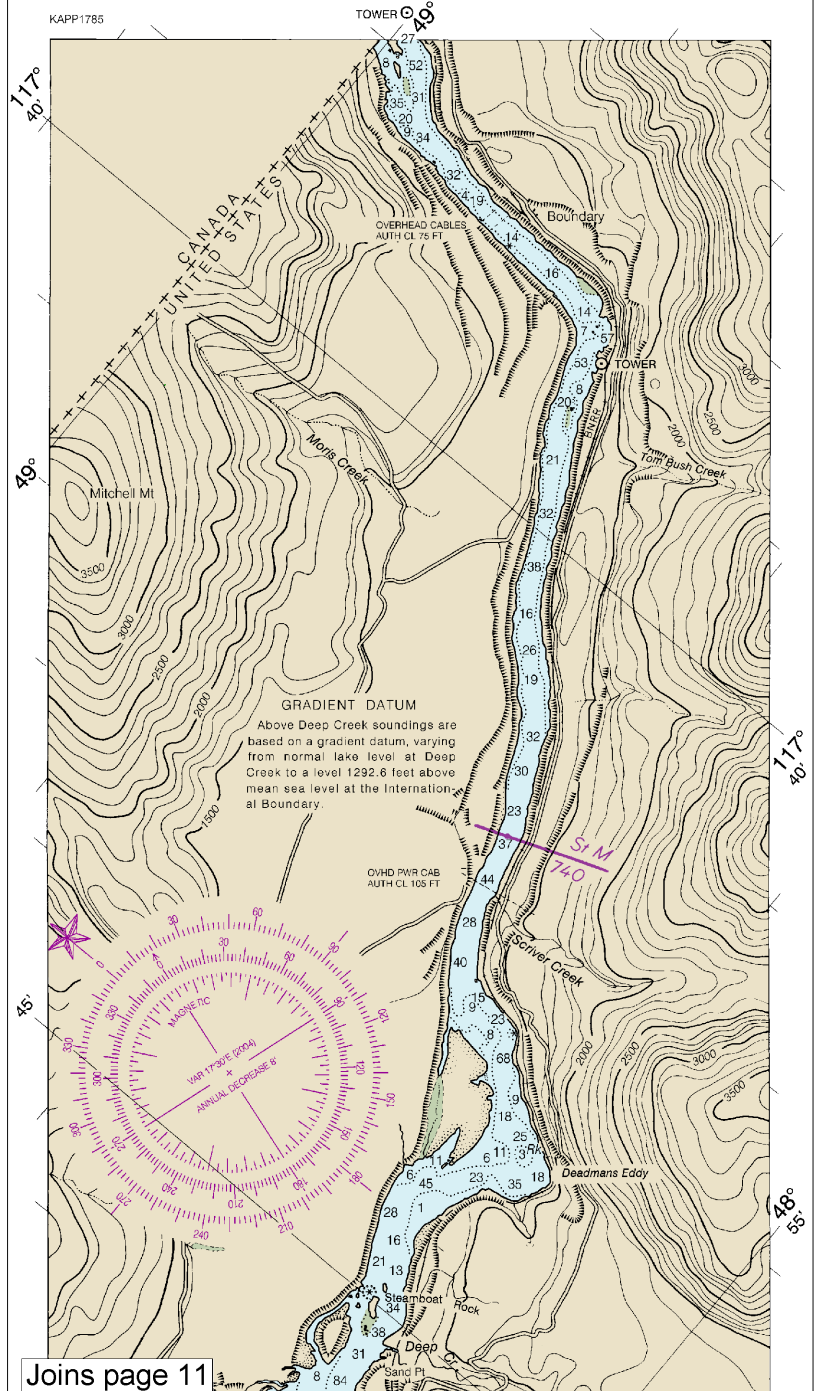


JOINS RIGHT PANEL BELOW



KAPP1785

TOWER 49°



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7th Ed., Apr. 2004. Last Correction: 10/13/2016. Cleared through:
LNM: 4816 (11/29/2016), NM: 5016 (12/10/2016), CHS: 1116 (11/25/2016)

and U.S. Coast Pilot for data

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7

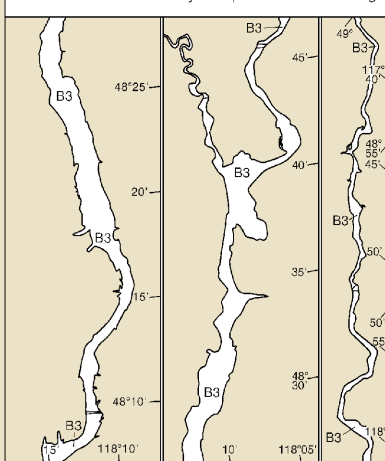
ROOSEVELT LAKE AIDS TO NAVIGATION
Aids to navigation on the lake mark hazards to navigation at normal lake levels. Lake levels less than 1288.6 may expose additional hazards to navigation that are not marked or identified.

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

SOURCE

B3 1940-1969 NOS Surveys partial bottom coverage



Nautical Miles

Statute Miles

Yards

1000 0 1000 2000 3000 4000 5000 6000

1' 45' 30' 15' 0'

LATITUDE

1' 45' 30' 15' 0'

LONGITUDE

1' 45' 30' 15' 0'

1' 45' 30' 15' 0'

1' 45' 30' 15' 0'

1' 45' 30' 15' 0'

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1' 45' 30' 15' 0'

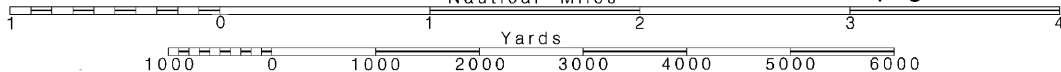
1' 45' 30' 15' 0'

1' 45' 30' 15' 0'

Printed at reduced scale.

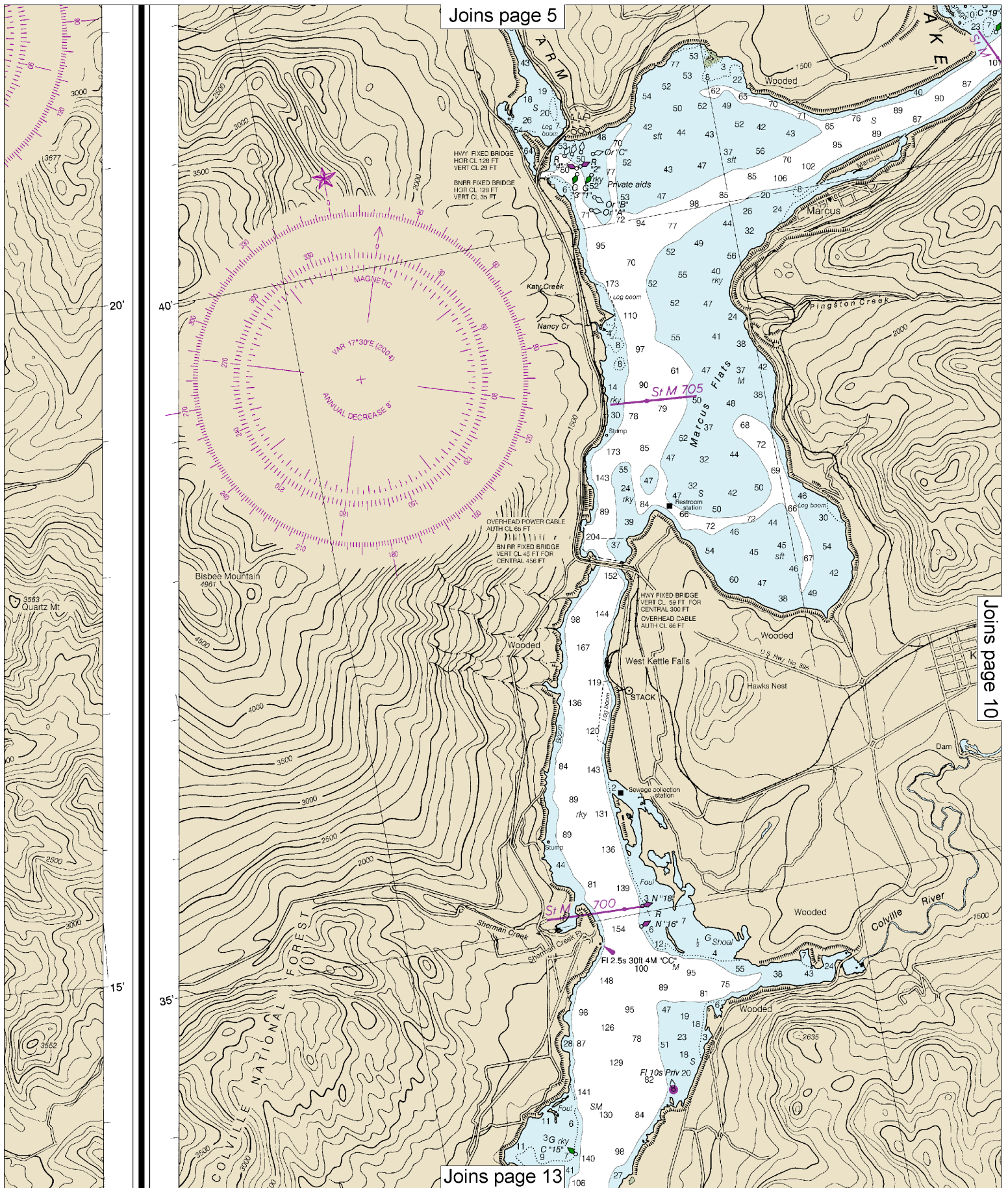
SCALE 1:50,000
Nautical Miles

See Note on page 5.



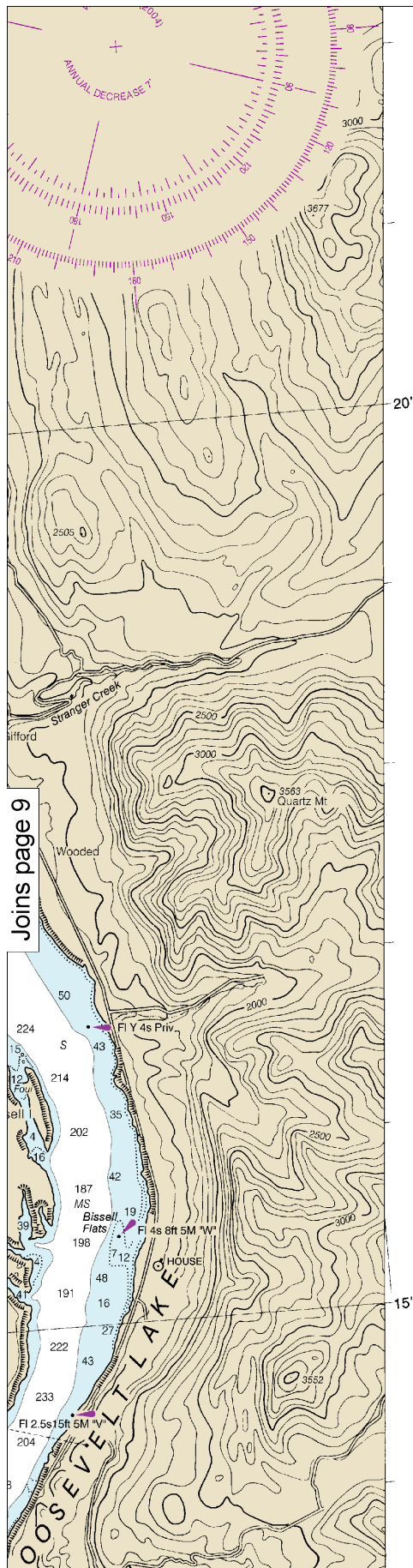
Note: Chart grid lines are aligned with true north.

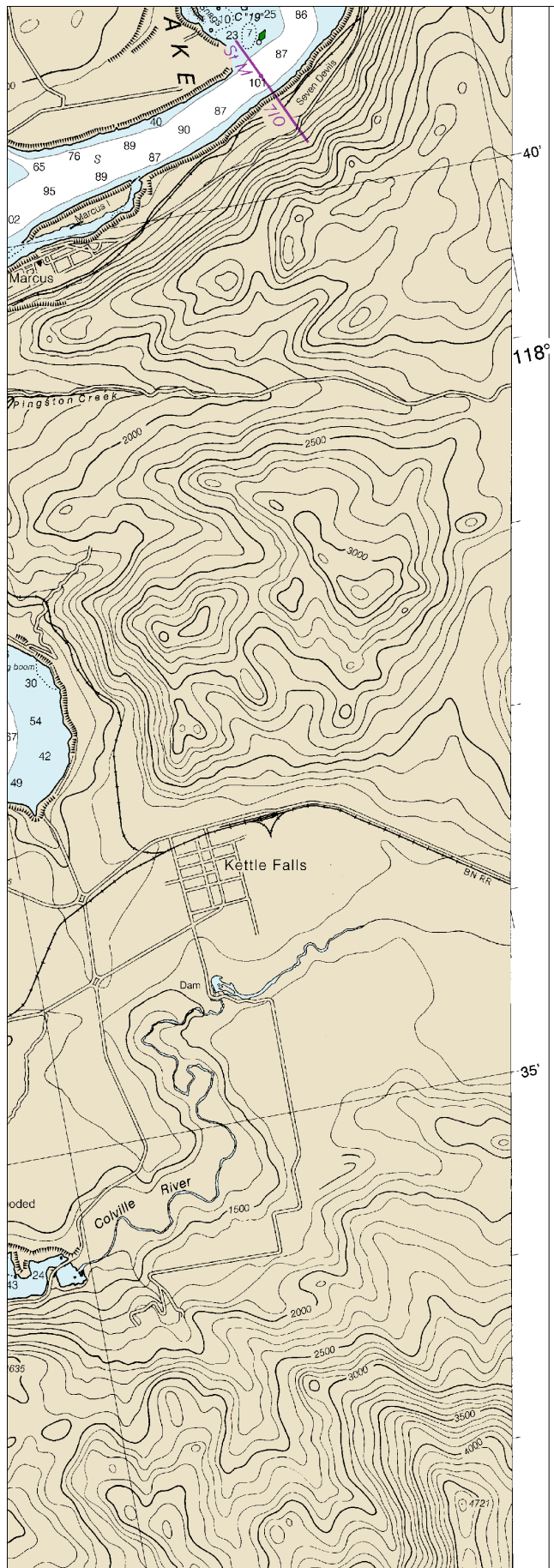
Joins page 5



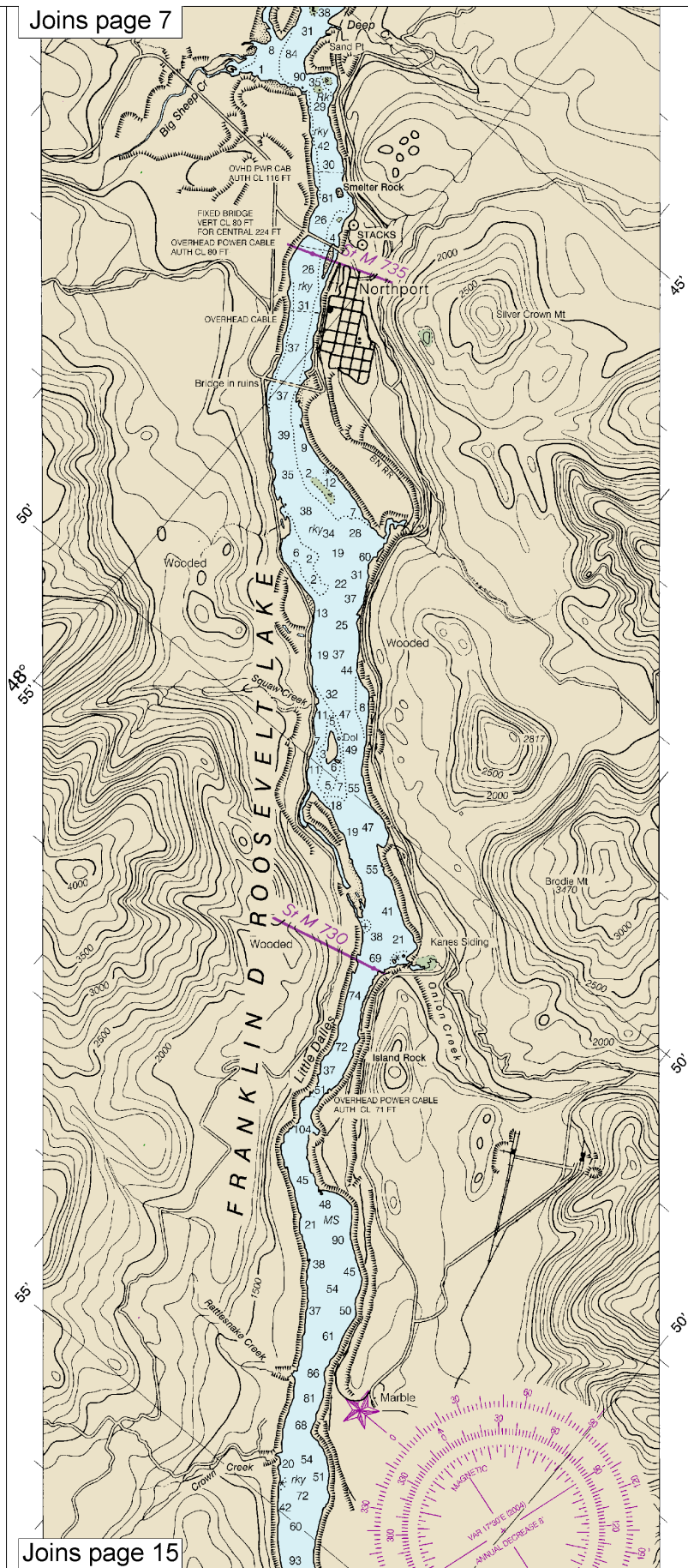
Joins page 10

Joins page 13

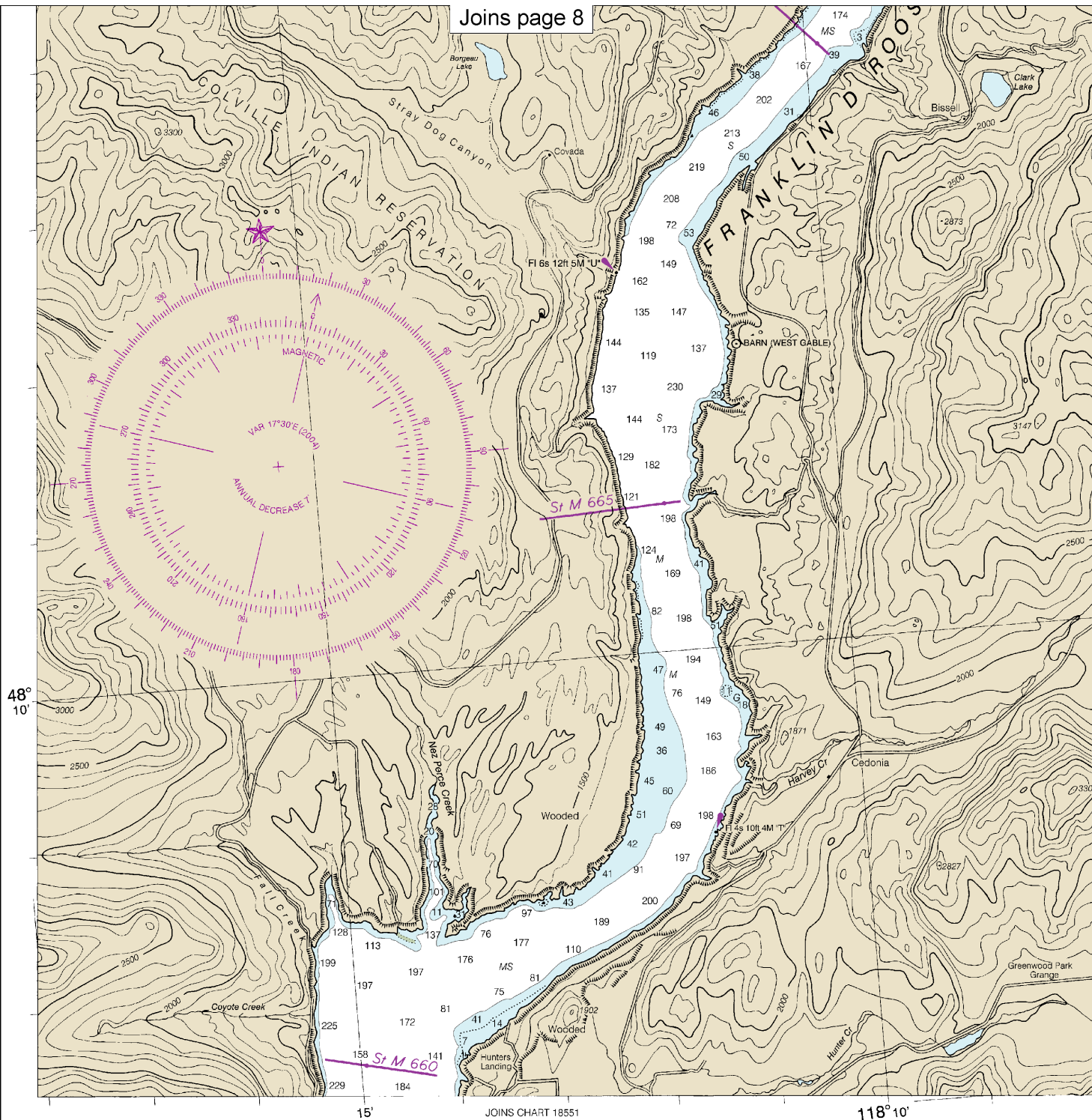




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Joins page 15



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CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner.

NOAA encourages users to submit inquiries, discrepancies or comments about this chart at <http://www.nauticalcharts.noaa.gov/staff/contact.htm>.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

7th Ed., Apr. 2004. Last Correction: 10/13/2016. Cleared through:
LNM: 4816 (11/29/2016), NM: 5016 (12/10/2016), CHS: 1116 (11/25/2016)

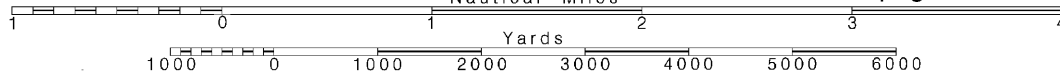
12

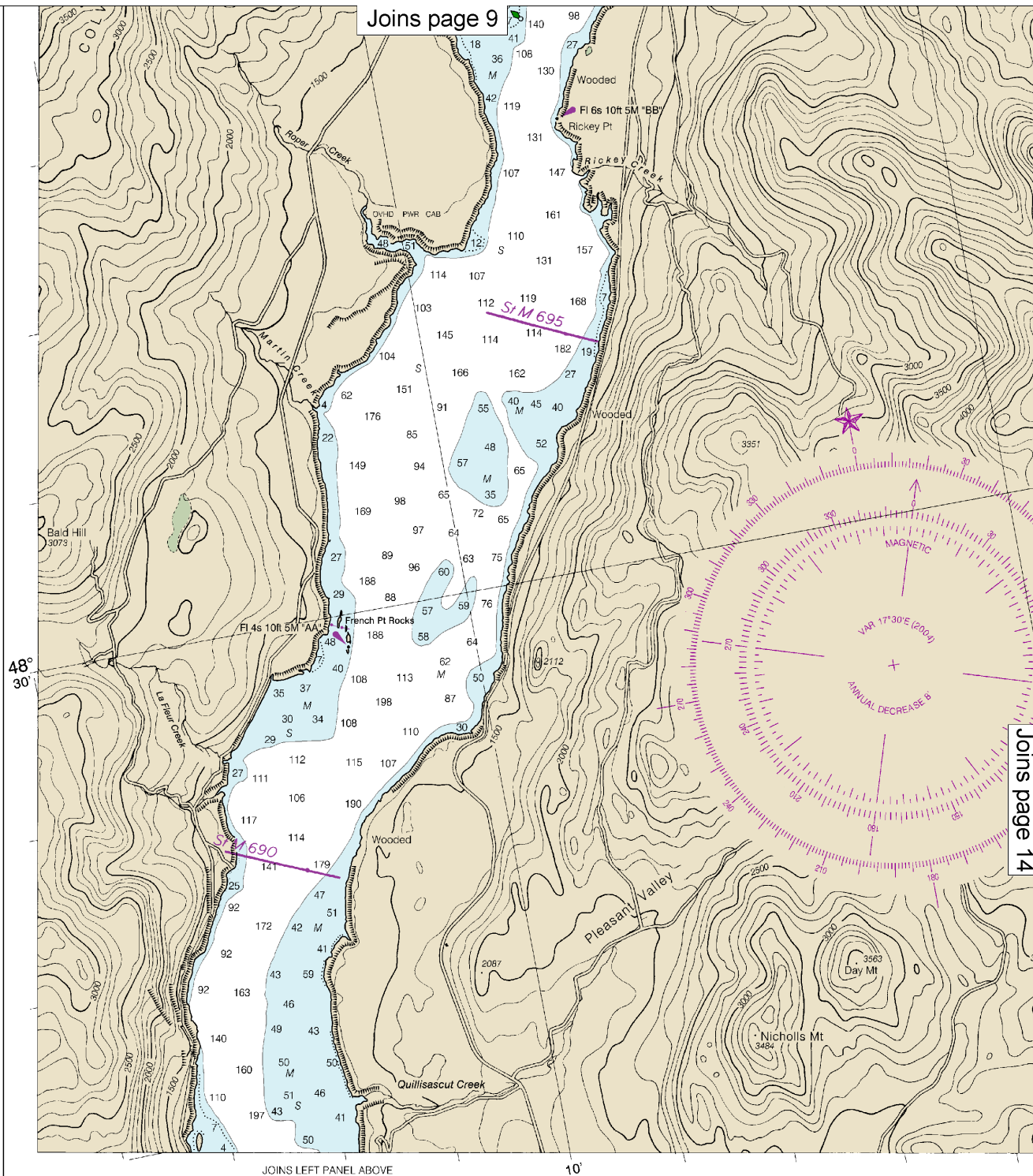
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:50,000
Nautical Miles

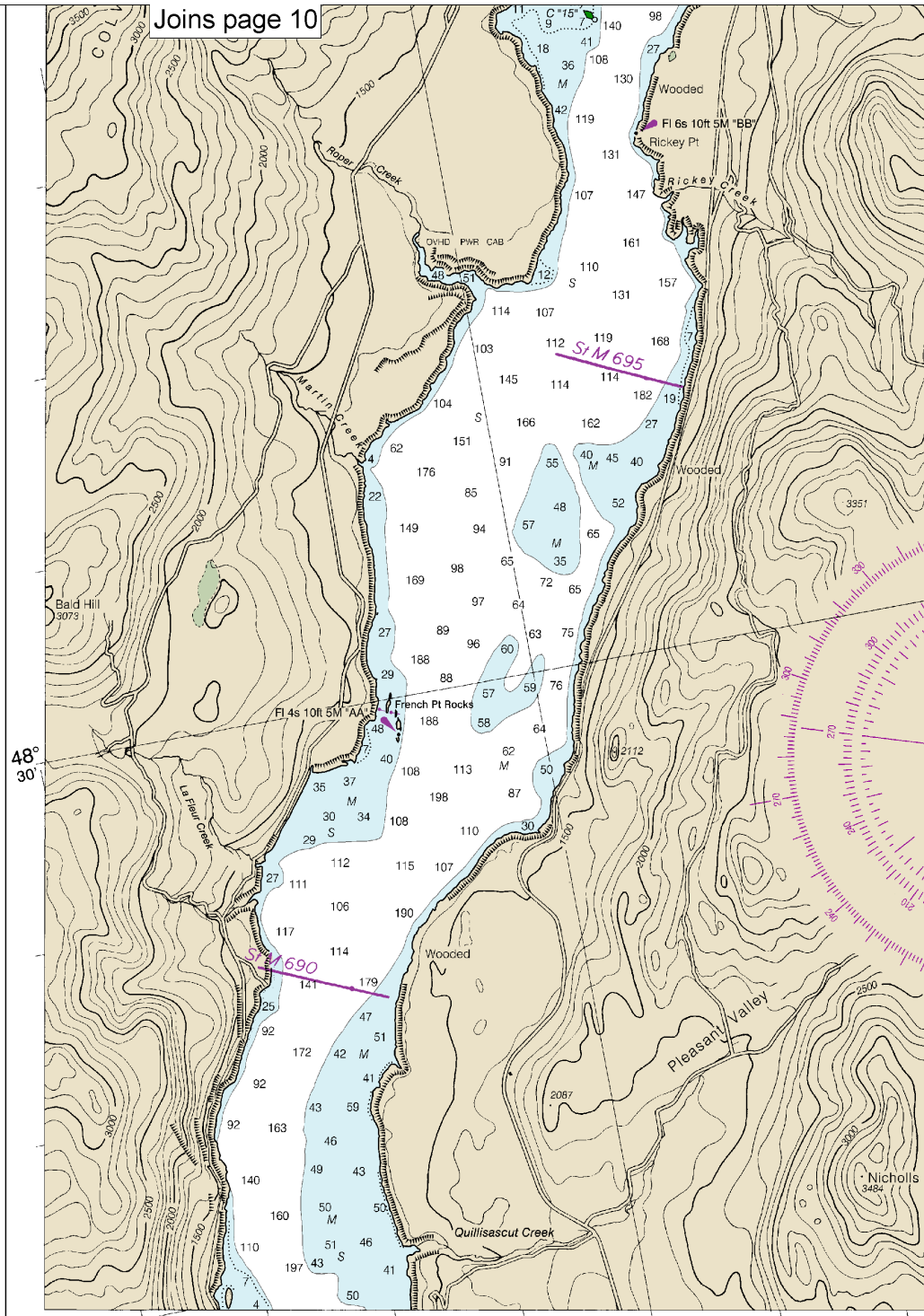
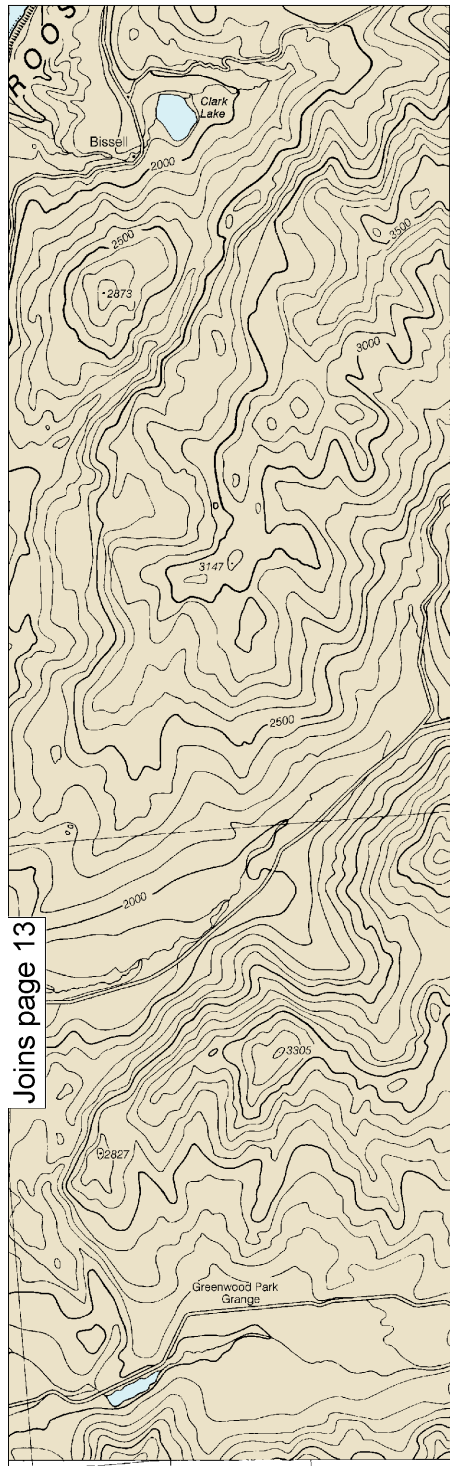
See Note on page 5.





Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

| FATHOMS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|---------|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| FEET | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 |
| METERS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |



For more information, visit nauticalcharts.noaa.gov/staff/contact.htm.

WARNING
 User will not rely solely on
 this chart for navigation, particularly on
 U.S. Coast Guard Light List
 for details.

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 U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 NATIONAL OCEAN SERVICE
 COAST SURVEY

| FATHOMS | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---------|---|----|----|----|----|----|----|
| FEET | 6 | 12 | 18 | 24 | 30 | 36 | 42 |
| METERS | 1 | 2 | 3 | 4 | 5 | 6 | 7 |

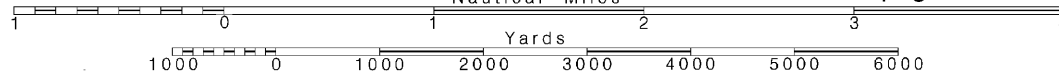
14

Note: Chart grid
 lines are aligned
 with true north.

Printed at reduced scale.

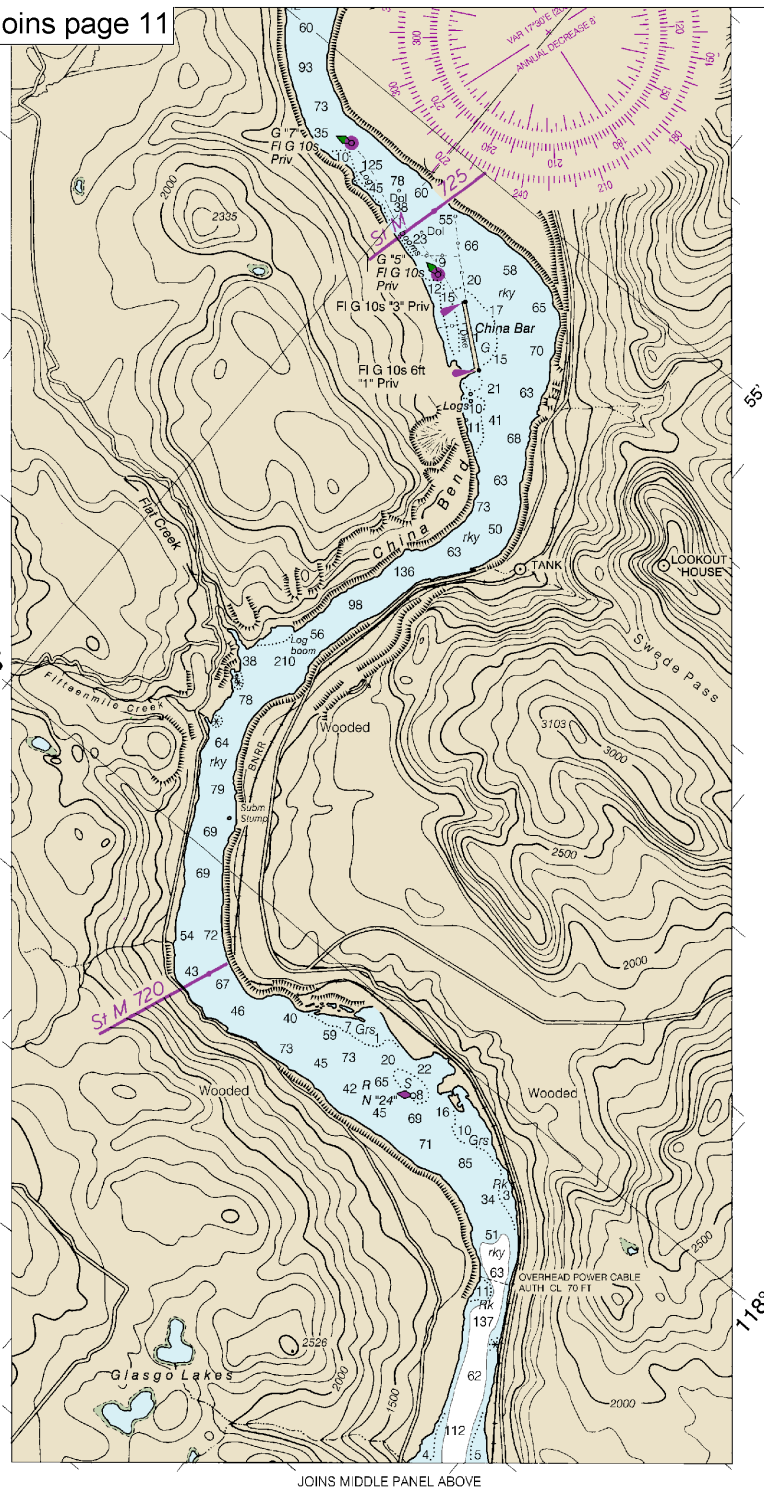
SCALE 1:50,000
 Nautical Miles

See Note on page 5.





Joins page 11



| | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |

Franklin D. Roosevelt Lake, Northern Part

SOUNDINGS IN FEET - SCALE 1:50,000

SOUNDINGS IN FEET

18553



VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

Getting and Giving Help — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!



NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

<http://www.nws.noaa.gov/nwr/>

Quick References

| | | |
|---|---|---|
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| Interactive chart catalog | — | http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml |
| Report a chart discrepancy | — | http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx |
| Chart and chart related inquiries and comments | — | http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs |
| Chart updates (LNM and NM corrections) | — | http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html |
| Coast Pilot online | — | http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm |
| Tides and Currents | — | http://tidesandcurrents.noaa.gov |
| Marine Forecasts | — | http://www.nws.noaa.gov/om/marine/home.htm |
| National Data Buoy Center | — | http://www.ndbc.noaa.gov/ |
| NowCoast web portal for coastal conditions | — | http://www.nowcoast.noaa.gov/ |
| National Weather Service | — | http://www.weather.gov/ |
| National Hurricane Center | — | http://www.nhc.noaa.gov/ |
| Pacific Tsunami Warning Center | — | http://ptwc.weather.gov/ |
| Contact Us | — | http://www.nauticalcharts.noaa.gov/staff/contact.htm |



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